



## Main

|                           |                                     |
|---------------------------|-------------------------------------|
| Range of product          | Modicon Quantum automation platform |
| Product or component type | Power supply module                 |
| Power supply type         | Redundant                           |

## Complementary

|                                  |  |
|----------------------------------|--|
| Input voltage                    | 125 V 100...150 V) DC  |
| Input current                    | 500 mA 125 V   |
| Inrush current                   | 28 A 125 V   |
| Maximum input power interruption | 1 ms   |
| Associated fuse rating           | 2 A, slow-blow   |
| Output voltage                   | 5.1 V DC   |
| Power supply output current      | 8 A redundant  |
| Output overvoltage protection    | Internal   |
| Output overload protection       | Internal   |
| Power dissipation                | 6 + (1.5 x I <sub>out</sub> ) where I <sub>out</sub> is in A |
| Local signalling                 | Power (PWR OK) 1 LED green)                                  |
| Marking                          | CE   |
| Module format                    | Standard   |
| Net Weight                       | 1.43 lb(US) (0.65 kg)  |

## Environment

|                                       |   |
|---------------------------------------|---|
| Protective treatment                  | Conformal coating Humiseal 1A33                 |
| Standards                             | CSA C22.2 No 142<br>UL 508                      |
| Product certifications                | CUL<br>FM Class 1 Division 2                    |
| Resistance to electrostatic discharge | 4 KV contact IEC 801-2<br>8 kV on air IEC 801-2 |
| Resistance to electromagnetic fields  | 9.14 V/m (10 V/m) 80...2000 MHz IEC 801-3       |
| Ambient air temperature for operation | 32...140 °F (0...60 °C)                         |
| Ambient air temperature for storage   | -40...185 °F (-40...85 °C)                      |
| Relative humidity                     | 95 % without condensation                       |
| Operating altitude                    | <= 16404.2 ft (5000 m)                          |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Ordering and shipping details

|                       |                                      |
|-----------------------|--------------------------------------|
| Category              | 18155 - QUANTUM I/O & POWER SUPPLIES |
| Discount Schedule     | PC21                                 |
| GTIN                  | 00785901556015                       |
| Nbr. of units in pkg. | 1                                    |
| Package weight(Lbs)   | 2.21 lb(US) (1.00 kg)                |
| Returnability         | No                                   |
| Country of origin     | CN                                   |

## Packing Units

|                  |                       |
|------------------|-----------------------|
| Package 1 Height | 1.77 in (45.000 mm)   |
| Package 1 width  | 6.50 in (165.000 mm)  |
| Package 1 Length | 12.40 in (315.000 mm) |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| Sustainable offer status   | Green Premium product  |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes  |
| RoHS exemption information | <a href="#">Yes</a>  |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>  |
| Circularity Profile        | <a href="#">End Of Life Information</a>  |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Racks for Modules Mounting

Dimensions of Modules and Racks



- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots

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## 125 Vdc/8 A Standalone/Redundant Power Supply Module

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### Wiring Diagram

